Proposal Full View

Print

Applicant Information

Organization Name	Contra Costa Water District *
Tax ID	**946000489**
Proposal Name	East Contra Costa County Prop 84 Round 1 Implementation Grant Application *
Proposal Objective	This Proposal will achieve three key goals and objectives. (1) To advance the objectives of the IRWMP and further those projects collectively identified as regional priorities by the ECWMA: The projects included in this Proposal were identified through the prioritization process outlined in the East County IRWMP and through collective determination by the participating agencies. Projects were selected due to their ability to assist the Region in making significant progress toward 16 of the 18 Regional Planning Objectives. (2) To improve drought preparedness and flood protection for the community, including DACs: This Proposal includes a strong emphasis on conservation, recycled water and flood protection. All of the water suppliers in the East County Region rely on Delta supplies, and improving water supply reliability is a critical regional need. Over the life of the Proposal, approximately 108,287 AF of East County supply will be secured, conserved or offset, including 107,678 AF of Delta supply. Flood protection benefits will be achieved in the Marsh Creek, Sand Creek, and West Antioch Creek watersheds, and chronic flooding in a disadvantaged community (DAC) will be remedied. These projects will avoid a total of more than $36 million in flood-related benefits. (3) To provide protection of the natural resources in East Contra Costa County: Ecosystem restoration and habitat protection are linked to protecting the water quality and water supply reliability in East County. This Proposal will enhance Delta water quality, protecting the Delta's aquatic species from harmful impacts of degraded water quality. In addition, this Proposal will directly result in conservation and restoration of 200 to 500 acres of key watershed lands, as well as 2 acres of wetland habitat. The Proposal will also facilitate completion of the Dutch Slough Tidal Marsh Restoration project, a critical early action to improve ecosystem health in the Delta. *

Budget

Other Contribution	$25,000.00
Local Contribution	$20,475,600.00
Federal Contribution	$800,000.00
Inkind Contribution	$0.00
Amount Requested	$12,660,000.00 *
Total Project Cost	$33,960,600.00 *

Geographic Information

Latitude *	DD(+/-)	37	MM	55	SS	32
Longitude *	DD(+/-)	121	MM	42	SS	1

Longitude/Latitude Clarification	Location: East of San Francisco; includes the cities of Pittsburg, Antioch, Oakley and Brentwood.
County	Contra Costa *
Ground Water Basin	Clayton Valley,Pittsburg Plain,San Joaquin Valley-Tracy
Hydrologic Region	San Francisco Bay,San Joaquin
Watershed	Willow Creek and Coastal Drainages, Kirker Creek, West Antioch Creek, East Antioch Creek, East County Delta Drainages, Lower Marsh Creek, Upper Marsh Creek, Kellogg Creek, Bushy Creek

Legislative Information

Assembly District	11th Assembly District,15th Assembly District *
Senate District	7th Senate District *
US Congressional District	District 10 (CA) *

Project Information

Project Benefits Information

Project Name: Project 3: Brentwood Nonpotable Water Distrib

Project Benefit Type	Benefit Type	Measurement	Description
	Water Use		This project involves extending recycled water service via installation of 9,400 linear feet of 12" pipeline to provide

Primary	Efficiency - Recycling-Water Supply Enhancement	88	irrigation supply to 29 acres of municipal and utility-owned lands. The project will offset 88 AFY of potable water supplies, including Delta and local groundwater supplies, currently being used to irrigate these lands.
Primary	Water Use Efficiency - Recycling-Land Irrigated	29	This project involves extending recycled water service via installation of 9,400 linear feet of 12” pipeline to provide irrigation supply to 29 acres of municipal and utility-owned lands. The project will offset 88 AFY of potable water supplies, including Delta and local groundwater supplies, currently being used to irrigate these lands.
Secondary	Climate Change Impacts	0	By offsetting Delta water demands, this Project will avoid greenhouse gas emissions associated with the energy required to transport water from the Delta to the City of Brentwood. It is estimated that implementation of this Brentwood Nonpotable Water Distribution System Project will avoid 391 metric tons of CO2 emissions over the life of the Project.

Budget

Other Contribution	0
Local Contribution	1097000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1000000
Total Project Cost	2097000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32	
Longitude DD(+/-)	121	MM	42	SS	1	
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of			

County	Contra Costa
Ground Water Basin	San Joaquin Valley-Tracy
Hydrologic Region	San Joaquin
WaterShed	Lower Marsh Creek

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 1: East County Water Conservation Prc

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Conservation-Water Demand/Conservation	1138	This program involves three elements to help reduce consumption of valuable Delta and local groundwater supplies: (1) High efficiency toilet (HET) rebates; (2) Leak Detection and Repair; and (3) SMART (ET) Irrigation Controller Conversion.
			By conserving water, this Project will avoid greenhouse gas emissions associated with the energy required to transport water from the Delta to DWD and the City of Brentwood and

Secondary	Climate Change Impacts	0	the energy required to pump local groundwater supplies. It is estimated that implementation of the East County Water Conservation Program elements will avoid 2,021 metric tons of CO2 emissions over the life of the Project.

Budget

Other Contribution	0
Local Contribution	2434000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1320000
Total Project Cost	3754000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32	
Longitude DD(+/-)	121	MM	42	SS	1	
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of			

County	Contra Costa
Ground Water Basin	San Joaquin Valley-Tracy
Hydrologic Region	San Joaquin
WaterShed	East Antioch Creek, East County Delta Draina

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 2: East County Water Meter Installation

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Best Mgt. Practices-Water Supply Enhancement	145.60	This program involves two elements: (1) installation of 110 residential water meters within DWD's service area; and (2) installation of 106 meters for landscaping customers within CCWD's service area. Installation of meters for these "flat rate", unmetered customers is expected to provide up to 20% savings of valuable Delta and Groundwater supplies. Implementation of these projects is needed to comply with AB 1420 requirements.
Secondary	Climate Change Impacts	0	By conserving groundwater and untreated Delta water, this Project will avoid greenhouse gas emissions associated with the energy required for DWD to pump and treat groundwater and CCWD to transport water to their customers. It is estimated that implementation of the East County Water Meter Installation Program elements will avoid 213 metric tons of CO2 emissions over the life of the Project.

Budget

Other Contribution	0
Local Contribution	221000

Federal Contribution	0
Inkind Contribution	0
Amount Requested	565000
Total Project Cost	786000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32
Longitude DD(+/-)	121	MM	42	SS	1
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of		

County	Contra Costa
Ground Water Basin	Pittsburg Plain,San Joaquin Valley-Tracy
Hydrologic Region	San Francisco Bay,San Joaquin
WaterShed	Kirker Creek, East Antioch Creek, East County

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 6: Drainage Area 55 - West Antioch Cre

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	160	The City of Antioch is partnering with the Contra Costa County Flood Control District to replace an undersized concrete trapezoidal channel and arch culverts to eliminate flooding to commercial and multi-family properties adjacent to the channel and within a Disadvantaged Community (DAC). In 1993, the District widened and deepened a portion of West Antioch Creek to provide a 25-year level of protection from the San Joaquin River to 8th Street. The City and District now need to expand upon the 1993 project and replace an inadequate trapezoidal concrete ditch and arch culverts with a 620-linear foot (LF) project including three box culverts. This new phase will be able to pass approximately ten times more stormwater than the existing system. The increase in stormwater capacity will provide much needed flood protection to the surrounding community. Currently, this DAC is impacted by moderate to severe flooding multiple times per year, posing a significant public health threat for residents in this area. This project will eliminate flooding in this area, addressing a critical water quality and public health issue for this DAC.
Secondary	Other-General Public Recreation	0	Flooding of the West Antioch Creek often results in the closure of the Contra Costa County Fairgrounds , the Antioch Little League Complex and Prosserville Park. Implementation of this Project will reduce the frequency of closures at these facilities and the associated loss of recreation.
Secondary	Other-Water quality in general	0	Implementation of this project will reduce flood-related debris and pollutant loading in West Antioch Creek, which flows directly into New York Slough. Beneficial uses of New York Slough include commercial and sport fishing, estuarine habitat, fish migration, preservation of rare and endangered species, wildlife habitat, water contact recreation, non-contact water recreation and navigation. The Project will also improve public health protection by eliminating exposure to degraded flood waters. According to the World Health Organization, there is an

			increased risk of infection of water-borne diseases when direct contact occurs with polluted flood waters.

Budget

Other Contribution	0
Local Contribution	2994600
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3000000
Total Project Cost	5994600

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32	
Longitude DD(+/-)	121	MM	42	SS	1	
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of			

County	Contra Costa
Ground Water Basin	San Joaquin Valley-Tracy
Hydrologic Region	San Joaquin
WaterShed	West Antioch Creek, East Antioch Creek

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 7: Upper Sand Creek Basin

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	10000	This project will construct a 900 acre-foot (AF) stormwater detention basin to provide regional flood protection to areas of Antioch, Brentwood and Oakley. The area at risk covers over 10,000 acres, and includes residential developments as well as over 250 commercial, industrial and institutional buildings, agricultural lands and numerous important roads (including Highway 4) and bridges. Without this Project, the properties along the Sand Creek portion of the watershed will be at risk from frequent flooding from a wide range of storm events.
Secondary	Ecosystem: Riparian Habitat	5.30	This project will also create 5.3 acres of riparian habitat, including 0.9 acres of perennial wetlands and 4.3 acres of seasons wetlands. These wetlands provide valuable habitat for special status species, and are considered quality habitats for raptor, western pond turtles, burrowing owls, the California Tiger Salamander and Red Legged frog.
Secondary	Other-General Public Recreation	0	This project will also create a 62.5 acre open space park. The City of Antioch has plans to construct a regional sports park in this area and the site has been laid out to accommodate a number of sports fields that can be used for soccer, football, and baseball/softball.
Secondary	Other-Water quality in general	0	This project will also provide several water quality benefits. This project will attenuate peak stormwater flows, thereby reducing streambed scour and erosion and reducing sedimentation. In addition, the project involves installation of trash capture devices that will help protect against the degradation of surface water quality in Sand Creek, Marsh Creek and eventually the San Joaquin River and Delta.

Budget

Other Contribution	0
Local Contribution	12079000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	2000000
Total Project Cost	14079000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32
Longitude DD(+/-)	121	MM	42	SS	1
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of		

County	Contra Costa
Ground Water Basin	San Joaquin Valley-Tracy
Hydrologic Region	San Joaquin
WaterShed	Willow Creek and Coastal Drainages, Kirker Creek, West Antioch Creek, East Antioch Creek, East

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 8: Watershed Protection and Restoratic

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Natural Community Conservation Plan (NCCP)	500	This project will acquire and restore habitat for endangered and listed species in eastern Contra Costa County. This is part of a regional program to permanently protect and manage a 30,000-acre preserve system for ecosystem integrity, recreation and species. This project will include acquisition of a high-priority parcel identified in the East Contra Costa County Habitat Conservation Plan/ Natural Community Conservation Plan, providing important benefits to listed species. The restoration will involve restoring/creating aquatic habitats (wetlands/ponds) suitable for CA Tiger Salamander or CA Red legged Frog. The Conservancy has an on-going program to do this work and has many parcels in play at any given time. Within the first 2 years of implementing the Plan, the Conservancy has conserved approximately 7,500 acres of land and restored over 8 acres of wetlands.This project will acquire and restore habitat for endangered and listed species in eastern Contra Costa County. This is part of a regional program to permanently protect and manage a 30,000-acre preserve system for ecosystem integrity, recreation and species. This project will include acquisition of a high-priority parcel identified in the East Contra Costa County Habitat Conservation Plan/ Natural Community Conservation Plan, providing important benefits to listed species. The restoration will involve restoring/creating aquatic habitats (wetlands/ponds) suitable for CA Tiger Salamander or CA Red legged Frog. The Conservancy has an on-going program to do this work and has many parcels in play at any given time. Within the first 2 years of implementing the Plan, the Conservancy has conserved approximately 7,500 acres of land and restored over 8 acres of wetlands.

Budget

Other Contribution	25000
Local Contribution	275000
Federal Contribution	800000
Inkind Contribution	0
Amount Requested	650000
Total Project Cost	1750000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32
Longitude DD(+/-)	121	MM	42	SS	1
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of		

County	Contra Costa
Ground Water Basin	Pittsburg Plain
Hydrologic Region	San Francisco Bay
WaterShed	Willow Creek and Coastal Drainages, Kirker Cre

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 4: Pittsburg Recycled Water Pipeline R

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Use Efficiency - Recycling-Water Supply Enhancement	526	This project involves the rehabilitation of approximately 5,240 feet of 20-inch and 30-inch asbestos cement (AC) recycled water main using Cured-In-Place Pipe (CIPP). The existing line (converted from a raw water pipeline) is over 35 years old, has experienced failures, and may not be able to withstand the increased operating pressures that will be needed for the service area. The rehabilitation will provide reliability and ensure continued delivery of approximately 526 AFY of Title 22 disinfected recycled water to irrigate approximately 115 acres of land, including Stoneman Park North and Delta View Golf Course, within the City of Pittsburg.
Primary	Water Use Efficiency - Recycling-Land Irrigated	115	This project involves the rehabilitation of approximately 5,240 feet of 20-inch and 30-inch asbestos cement (AC) recycled water main using Cured-In-Place Pipe (CIPP). The existing line (converted from a raw water pipeline) is over 35 years old, has experienced failures, and may not be able to withstand the increased operating pressures that will be needed for the service area. The rehabilitation will provide reliability and ensure continued delivery of approximately 526 AFY of Title 22 disinfected recycled water to irrigate approximately 115 acres of land, including Stoneman Park North and Delta View Golf Course, within the City of Pittsburg.
Secondary	Climate Change Impacts	0	By offsetting Delta water demands, this Project will avoid greenhouse gas emissions associated with the energy required to transport water from the Delta to the City of Pittsburg. It is estimated that implementation of the Pittsburg Recycled

			Water Pipeline Project will avoid 1,872 metric tons of CO2 emissions over the life of the Project.

Budget

Other Contribution	0
Local Contribution	375000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1125000
Total Project Cost	1500000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32	
Longitude DD(+/-)	121	MM	42	SS	1	
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of			

County	Contra Costa
Ground Water Basin	Pittsburg Plain
Hydrologic Region	San Francisco Bay
WaterShed	Willow Creek and Coastal Drainages

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Project Information

Project Benefits Information

Project Name: Project 5: Phase 2 Contra Costa Canal Levee I

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Quality: Constituents -- Salinity	0	The CCWD Canal Levee Elimination and Flood Protection Project will replace 21,000 feet of the unlined Contra Costa Canal with a pipeline to improve source water quality available to CCWD by preventing intrusion of poor quality groundwater. The primary water quality benefit expected from this Project is a reduction in disinfection byproduct formation and associated public health protection. The average bromate level in CCWD finished water currently ranges from 2 to 16 ug/L., with an average of 6.5 ug/L. With completion of the project, the bromate level in the finished water will be reduced by an average of 3%.
Secondary	Flood Protection	5120	The Project will also eliminate up to eight miles of aging canal embankments that were not intended to provide flood protection, yet are currently relied upon for that purpose. Recent engineering and geotechnical studies confirmed the vulnerability of the berms to a significant seismic event. Assuming 1 mile of inundation along the 8 miles of canal embankments, this Project would protect 5,120 acres of adjacent properties from flooding caused by failure of the berms.
	Ecosystem: Shallow		Encasing the unlined canal is a critical step for completion of the Dutch Slough Restoration Project, a tidal wetland restoration site just north of the canal. The Dutch Slough Restoration Project cannot move forward as planned until the canal is replaced by a pipeline through the area. The 1,200 acre restoration site has the

Secondary	Water/ Marsh/ Wetland Habitat	1200	potential for restoring over 6 miles of shoreline and a mosaic of tidal, riparian and upland habitats. The unique site topography would enable the immediate restoration of intertidal dendritic channels favored by native fish including threatened spring run Chinook salmon, endangered winter run Chinook salmon and Sacramento splittail.
Secondary	Conveyance-Water Supply Enhancement	4590	By replacing 21,000 feet of the unlined Contra Costa Canal with a pipeline, thereby eliminating water quality degradation from groundwater intrusion, the Project will reduce the amount of upstream CVP and SWP releases currently required to meet water quality standards. On average, the project would avoid the release of 3,950 AFY of upstream releases required to meet salinity standards. The project would also improve CCWD's water supply availability and emergency supplies by reducing the need for blending water from the Los Vaqueros Reservoir and eliminating evaporation losses, thereby saving about 640 AFY of surface water supplies. In total, 4,590 AFY of water supplies will be saved through implementation of this Project.
Secondary	Climate Change Impacts	0	Improved water quality at the intake will allow CCWD to meet its finished water quality goals with less pumping and blending of its supplies. It is estimated that the energy savings derived from the pipeline-related improvements to water quality will amount to over 1700 MWH per year, with an associated reduction in CO2 emission of 497.5 metric tons per year.

Budget

Other Contribution	0
Local Contribution	1000000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3000000
Total Project Cost	4000000

Geographic Information

Latitude DD(+/-)	37	MM	55	SS	32
Longitude DD(+/-)	121	MM	42	SS	1
Longitude/Latitude Clarification		Location	East of San Francisco; includes the cities of		

County	Contra Costa
Ground Water Basin	San Joaquin Valley-Tracy
Hydrologic Region	San Joaquin
WaterShed	East County Delta Drainages, Lower Marsh Cr

Legislative Information

Assembly District	11th Assembly District,15th Assembly District
Senate District	7th Senate District
US Congressional District	District 10 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The East Contra Costa Region is unique in that it is located entirely within the boundaries of the statutory Delta, and all of the water suppliers in the region rely on Delta supplies. Given their reliance on the Delta, the agencies in East County are particularly vulnerable to supply reliability issues, and they share a common commitment to

reducing reliance on Delta supplies and protecting and restoring the Delta water quality and environment. This Proposal was developed to achieve the following key goals and objectives: 1-To advance the objectives of the IRWMP and further those projects collectively identified as regional priorities by the ECWMA. 2-To improve drought preparedness flood protection for the Region, including DACs. 3-To provide protection of the natural resources in East Contra Costa County. This Proposal will yield 108,287 AF in supply benefits. In addition, it will provide source water quality benefits; protect and restore sensitive Delta watershed areas; improve delivered water quality by reducing disinfection byproduct formation and improving taste and odor; avoid more than $36 million in flood damages; and provide numerous other benefits such as habitat protection and restoration, reduced energy consumption and greenhouse gas production, reduced fertilizer application, and improved public safety. In addition, the Proposal will address chronic flooding which has caused a critical water quality and public health issue in a disadvantaged community. The proposed projects are listed below. 1 - East County Water Conservation Program: This program involves three elements to help reduce demands: High efficiency toilet rebates; Leak Detection and Repair; and SMART Irrigation Controller Conversion. 2- East County Water Meter Installation Program: This program involves two elements: installation of 110 residential water meters within DWD???s service area, and installation of 106 meters for landscaping customers within CCWD???s service area. 3- Brentwood Non-Potable Water Distribution System: This project involves extending recycled water service to provide irrigation supply to 29 acres of municipal and utility-owned lands. 4 - Pittsburg Recycled Water Pipeline Rehabilitation: This project involves rehabilitating aging recycled water main, providing reliability and ensuring continued recycled water delivery. 5 - Phase 2 Contra Costa Canal Levee Elimination and Flood Protection Project: This project will replace the unlined Contra Costa Canal with a pipeline to improve source water quality by preventing intrusion of poor quality groundwater, eliminate aging canal embankments that were not intended to provide flood protection yet are currently relied upon for that purpose, and improve security and public safety by preventing access to the open water canal. 6 - Drainage Area 55 - West Antioch Creek Channel Improvements: This project involves replacing an undersized concrete flood channel and arch culverts to eliminate flooding of properties adjacent to the channel and within a Disadvantaged Community (DAC). Currently, this DAC is impacted by moderate to severe flooding multiple times per year, posing a significant public health threat for residents in this area. This project will eliminate flooding in this area, addressing a critical water quality and public health issue for this DAC. 7 - Upper Sand Creek Basin: This project will provide regional flood protection to areas of Antioch, Brentwood and Oakley; stormwater attenuation and infiltration, trash capture, and environmental enhancement along Sand Creek; seasonal wetlands and riparian habitat fed by urban runoff; and ultimately a regional sports park for the City of Antioch. 8 - Watershed Protection and Restoration: This project will acquire and restore up to 500 acres of high-priority watershed lands identified in the East Contra Costa HCP/ NCCP, providing source water protection and habitat for endangered and listed species.

Q2. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Marie Valmores, P.E. Contra Costa Water District P.O. Box H2O Concord, CA 94524 (925) 688-8132 mvalmorez@ccwater.com

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Marie Valmores, P.E. Contra Costa Water District P.O. Box H2O Concord, CA 94524 (925) 688-8132 mvalmorez@ccwater.com

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Contra Costa Water District P.O. Box H2O Concord, CA 94524

Q5. ADDITIONAL INFORAMTION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

San Joaquin River

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.
http://www.waterboards.ca.gov/waterboards_map.shtml

San Francisco Bay Region 2; Central Valley Region 5

Q7. ELIGIBILITY

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

The proposed funding match is 61%, which exceeds the required 25% minimum. The DAC funding match reduction is not being pursued.

Q8. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

This application represents the single application from the following IRWM Region approved in the RAP: East Contra Costa County.

Q9. ELIGIBILITY

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

a) ☑ Yes
b) ☐ No

Q10. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

City of Antioch City of Brentwood Contra Costa Water District Diablo Water District

Q11. ELIGIBILITY

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes

Q12. ELIGIBILITY

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

No. All urban water suppliers listed in Q10 have submitted completed AB 1420 compliance tables and supporting information as part of Attachment 13 of this Proposal.

Q13. ELIGIBILITY

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

No proposed project will have direct positive or negative impact on groundwater.

Q14. ELIGIBILITY

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

Not applicable

Q15. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

The East Contra Costa County region is bounded on the north and east by the San Joaquin River and Old River, and the associated maze of waterways effectively isolates East County from the Central Valley region. The entire region derives its water supply from the Delta and drains to the Delta primarily through the Marsh Creek, Kirker Creek, and Kellogg Creek watersheds. Reducing reliance on Delta supplies is a primary objective of the ECWMA. The region is unique in that it is located entirely within the boundaries of the statutory Delta, and all of the water suppliers in the region rely on Delta supplies. Three of these water suppliers (City of Pittsburg, City of Antioch, DWD) purchase untreated Delta supplies from CCWD. Brentwood has a Delta surface supply purchased from ECCID that is diverted by CCWD at its Delta intakes, and CCWD serves a portion of the City that lies within the CCWD boundaries. In total, the Region relies on the Delta for more than 80%of its normal year supply.

Q16. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes. As described in Proposal Attachment 15, Maximizing Use of Local Supplies/Reducing Dependence on Imported Supplies is a key Regional Planning Objective in the existing IRWM Plan. The Plan is implemented primarily through implementation of high priority projects, the majority of which serve to reduce the Region???s dependence on Delta water supplies.

Q17. ELIGIBILITY

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes. As described in Attachment 15, the process used by the East County Water Management Group to prioritize IRWM projects reflects the importance of improving water supply reliability and reducing reliance on Delta supplies. The results of the prioritization process are projects that clearly embody this objective. This finding carries two important results: 1- The process established by the ECWMA to prioritize IRWM projects for implementation favors projects that achieve the objective of Maximizing Use of Local Supplies/Reducing Dependence on Imported Supplies. As a result, as additional projects that achieve this objective are added to the plan and considered for future implementation, they will also be favored, and they are likely to become regional implementation priorities; and 2- Because many of the projects identified as priorities for implementation reflect the objective of Maximizing Use of Local Supplies/Reducing Dependence on Imported Supplies, implementing the Plan (and priority projects identified in the Plan) will further this objective. As a result, Plan implementation will continue to further this objective, even as regional projects and programs continue to evolve. In addition, the participating agencies are committed to helping to reduce dependence on the Sacramento-San Joaquin Delta for water supply. Throughout future Plan revisions, the group intends to retain the objective of Maximizing Use of Local Supplies/Reducing Dependence on Imported Supplies.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

A1. ATTACHMENT 1

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1_IG1_Eligible_1of1.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here. **Upload additional Authorization and Eligibility documentation here.**

Upload additional Authorization and Eligibility documentation here.

A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2_IG1_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here. **Upload additional Proof of Formal Adoption documentation here.**

Upload additional Proof of Formal Adoption documentation here. **Upload additional Proof of Formal Adoption documentation here.**

A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3_IG1_WorkPlan_1of3.pdf

Upload additional work plan components here.
Last Uploaded Attachments: Att3_IG1_WorkPlan_2of3.zip

Upload additional work plan components here.
Last Uploaded Attachments: Att3_IG1_WorkPlan_3of3.zip

Upload additional work plan components here.

Upload additional work plan components here.

A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att4_IG1_Budget_1of1.pdf

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att5_IG1_Schedule_1of1.pdf

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att6_IG1_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

A7. ATTACHMENT 7

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att7_IG1_WSBen_1of1.pdf

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

A8. ATTACHMENT 8

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).
Last Uploaded Attachments: Att8_IG1_WQOtherBen_1of1.pdf

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

A9. ATTACHMENT 9

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att9_IG1_DReduc_1of1.pdf

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

A10. ATTACHMENT 10

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10_IG1_BSummary_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

A11. ATTACHMENT 11

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11_IG1_Preference_1of1.pdf

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Last Uploaded Attachments: Att12_IG1_DAC_1of1.pdf

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

Upload additional Disadvantaged Community Assistance documentation here.

A13. ATTACHMENT 13

Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att13_IG1_Compliance_1of1.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

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Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional Consent Form documentation here.

Last Uploaded Attachments: Att14_IG1_Consent_1of1.pdf

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional Consent Form documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Last Uploaded Attachments: Att15_IG1_Deltawater_1of1.pdf

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.